Claims

1. A method for producing a plug, wherein a plug connector and three plug contact rings are arranged in a casting mold, wherein the plug connector extends along a longitudinal axis and has a contact portion and a fastening portion connected integrally to the contact portion, and wherein a plug housing is formed by introducing a casting material into the casting mold so that the fastening portion is surrounded form-fittingly by the casting material and the contact portion protrudes out from the plug housing at a first end of the plug housing in the direction of the longitudinal axis.

2. The method according to claim 1, wherein the plug contact rings each have an outer side, wherein the plug housing is formed by introducing the casting material into the casting mold so that the outer sides of the plug contact rings are each arranged in an exposed manner on an outer side of the plug housing so that the outer sides of the plug contact rings are electrically contactable.

3. The method according to claim 1, wherein, the fastening portion and the three plug contact rings are electrically conductively connected to a first end portion of an electrical conductor each prior to the introduction of the casting material into the casting mold, wherein each conductor has a second end portion, which forms a contact of the plug in order to electrically contact the corresponding conductor.

4. The method according to claim 3, wherein the four conductors are enclosed in the plug housing by the introduction of the casting material into the casting mold, so that the second end portions of the conductors protrude out from the plug housing at a second end of the plug housing.

5. The method according to claim 4, wherein the second end portion of each conductor extends along the longitudinal axis, and wherein the second end portions each are arranged at the same distance from the longitudinal axis in a radial direction running perpendicularly to the longitudinal axis.

6. The method according to claim 3, wherein each conductor electrically conductively connected to a plug contact ring is electrically conductively connected via the first end portion to an inner side of the plug contact ring.

7. The method according to claim 1, wherein in order to form a protrusion of the plug housing at the second end of the plug housing, which protrusion is extended along the longitudinal axis, and/or in order to form an inner lumen of the plug housing extended along the longitudinal axis, a core is arranged in the casting mold prior to the introduction of the casting material into the casting mold.

8. The method according to claim 1, wherein the plug housing is cast from the casting material such that the plug housing has a coding for distinguishing between the conductors.

9. The method according to claim 1, wherein the casting material is one of the following materials: PEEK or another plastic, wherein the particular plastic material has a hardness that is greater than 75 Shore D.

10. A plug, produced by a method according to claim 1.